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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/552,743	10/12/2005	Hiroshi Suda	P28646	5873
	7590 06/04/200 & BERNSTEIN, P.L.	EXAMINER		
1950 ROLAND	CLARKE PLACE		CHIESA, RICHARD L	
RESTON, VA 20191			ART UNIT	PAPER NUMBER
			1797	
			NOTIFICATION DATE	DELIVERY MODE
			06/04/2008	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gbpatent@gbpatent.com pto@gbpatent.com

		Application No.	Applicant(s)				
Office Action Summary		10/552,743	SUDA ET AL.				
		Examiner	Art Unit				
		Richard L. Chiesa	1797				
Period fo	The MAILING DATE of this communication ap or Reply	pears on the cover sheet with the c	orrespondence address				
WHIC - Exter after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLEMENTED IS LONGER, FROM THE MAILING DOSIONS OF time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory period for to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing dopatent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 136(a). In no event, however, may a reply be tin will apply and will expire SIX (6) MONTHS from e, cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Status							
1)⊠	Responsive to communication(s) filed on 18 A	pril 2008					
•		s action is non-final.					
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
- , 	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Dispositi	on of Claims						
4)🛛	Claim(s) 1 and 4-8 is/are pending in the applic	eation.					
·	4a) Of the above claim(s) is/are withdrawn from consideration.						
6)🖂	6)⊠ Claim(s) <u>1 and 4-7</u> is/are rejected.						
· ·	Claim(s) is/are objected to.						
8)	Claim(s) are subject to restriction and/o	or election requirement.					
Applicati	on Papers						
9)	The specification is objected to by the Examine	er.					
10)⊠ The drawing(s) filed on <u>12 October 2005</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.							
,—	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).							
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority ι	ınder 35 U.S.C. § 119						
a)	Acknowledgment is made of a claim for foreign All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bureasee the attached detailed Office action for a list	ts have been received. ts have been received in Applicati rity documents have been receive u (PCT Rule 17.2(a)).	on No ed in this National Stage				
2) Notice (3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date	4) Interview Summary Paper No(s)/Mail Da 5) Notice of Informal F 6) Other:	ate				

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DETAILED ACTION

Response to Amendment

1. The amendment filed on April 18, 2008 has been entered.

Claim Rejections - 35 USC § 103

2. The text of those sections of Title 35, U.S. Code not included in this action can be found

in a prior Office action.

3. Claims 1 and 4-7 are again rejected under 35 U.S.C. 103(a) as being unpatentable over

the prior art as applied in paragraphs 6 and 7 on pages 3 and 4 of the first Office action (dated

January 18, 2008).

Response to Arguments

4. Applicants' arguments filed on April 18, 2008 have been fully considered but they are

not persuasive. Contrary to applicants' comments, Marks (U.S. Patent No. 3,503,704) teaches

the use of sodium hydroxide (NaOH) which of course contains the common hydroxide (OH)

radical. Furthermore, the last two lines of claim 1 are in the form of process step limitations and

therefore not entitled to patentable weight because claim 1 is drawn to a charged fine particulate

water. In any case, the examiner has suggested changes to claim 1 below to place it into

condition for allowance.

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Allowable Subject Matter

5. Claim 8 is allowed.

6. Claims 1, and 4-7 would be allowable if the word "Charged" at the beginning of claim 1

was changed to -- Rayleigh fission generated charged--.

Conclusion

7. THIS ACTION IS MADE FINAL. Applicants are reminded of the extension of time

policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after

the end of the THREE-MONTH shortened statutory period, then the shortened statutory period

will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event,

however, will the statutory period for reply expire later than SIX MONTHS from the mailing

date of this final action.

8. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Richard L. Chiesa whose telephone number is (571) 272-1154.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Duane S. Smith, can be reached at (571) 272-1166.

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Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center 1700 receptionist whose telephone number is (571) 272-1700.

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Facsimile correspondence must be transmitted through (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Richard L. Chiesa May 27, 2008

/Richard L. Chiesa/ Primary Examiner Art Unit 1797